

High Performance NAS Powered by Windows



WS-WVL/R1

TeraStation™ Pro Duo WSS Storage Server provides high performance two hard drive RAID based network storage with the power of a Windows Server operating system. Powered by Microsoft Windows® Storage Server 2008 R2 Workgroup Edition, TeraStation™ Pro Duo WSS provides seamless capability with Windows computers and servers. The TeraStation™ Pro Duo WSS incorporates the powerful Intel® Atom™ Dual-Core Processor providing class-leading performance, enabling the ability to focus on concurrent tasks with minimal performance degradation: experience maximum network throughput while a replication job runs in the background or perform fast search indexing while an anti-virus scan is occurring. Additionally, TeraStation™ Pro Duo WSS supports full disk encryption and support for NTFS for very specific file-level security. Native Active Directory support provides integration with large Windows networks.

High Capacity NAS up to 4TB

High Speed NAS

TeraStation™ Pro Duo WSS 100 MB/s

TeraStation™ III 69 MB/s

TeraStation™ ES 49 MB/s

Simultaneous transfer from 3 PCs. Performance is estimated.

Dual-Core Processor

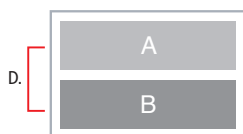


Features and Benefits

- Intel® Atom™ 1.66GHz Dual Core / 2GB RAM
- Windows Storage Server 2008 R2 Workgroup Edition
- iSCSI Target and Initiator
- Front loading hot swap hard drives with lockable front panel
- Active Directory support
- Disk quota (soft quota) support prevents users/groups from consuming too much disk space
- Scheduled shut down eliminates unnecessary access and reduces energy costs
- DFS (Distributed File System), Namespace & Replication support
- Hot swap hard drive trays behind the front panel for easy drive access and replacement
- Improved CPU speed enables faster data transfer
- 10/100/1000 Gigabit Ethernet with Jumbo Frame
- Two Ethernet ports for port trunking and load balancing
- Works with VMware and Hyper-V (SAN Storage for Virtual Machines)
- Supported RAID levels: 0, 1, JBOD (Individual Disks)
- BitLocker AES-256 bit hard drive encryption
- Large silent fan cools hard drive efficiently
- Advanced ventilation design reduces internal heat
- LCD Display shows important TeraStation™ information and disk status
- Windows Server 2008 Server Manager Utility for easy deployment and configuration
- Internet Information Services (IIS) support
- 2 USB 3.0 ports and 2 USB 2.0 ports for external drive, printer and UPS connectivity
- 10 licenses of NovaBACKUP® Business Essentials v12 Included: Back up 10 Windows PCs, Windows Servers, Exchange or MS SQL databases
- 3-Year Limited Warranty

RAID Support for Maximum Flexibility and Reliability

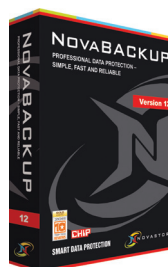
RAID 0 Striping Mode



RAID 1 Mirroring Mode



NovaBACKUP® Business Essentials



**Comprehensive Backup
Solution for up to 10 PCs,
Servers or SQL databases**

SPECIFICATIONS**LAN Interface**

Standard Compliance	IEEE802.3ab/IEEE802.3u/IEEE802.3 Standard (1000BASE-T/100BASE-TX/10BASE-T)
Data Transfer Rates	10/100/1000Mbps
Connector Type	RJ-45
Number of Ports	2

Internal Hard Drives

Number of Drives	2
Drive Interface	SATA 3Gb/s
Hard Drive Sizes	1.0TB, 2.0TB
Total Capacity	2.0TB, 4.0TB
Supported RAID Levels	0, 1, JBOD

USB Interface

Standard Compliance	USB 3.0/USB 2.0
Number of Ports	2 USB 3.0/2 USB 2.0
Data Transfer Rates	Max. 5Gbps* (USB 3.0) Max. 480Mbps (USB 2.0)

Protocol Support

Networking	TCP/IP
File Sharing	CIFS/SMB, NFS
Directory Integration	LDAP, Active Directory
Management	Remote Desktop Connection (RDP), Terminal Services Client
Time Synchronisation	NTP

Other

Dimensions (WxHxD)	170 x 170 x 230mm
Weight	4.5Kg
Operating Environment	5-35°C
Setup Utility OS Support	Windows® Operating Systems, Mac OS
Client OS Support	Windows® 7 (32-bit/64-bit), Windows Vista® (32-bit/64-bit), Windows® XP, Windows® 2000, Windows Server® 2008, Windows Server® 2003, Windows® 2000 Server
Power Supply	Internal, AC 100-240V 50/60Hz

Part Numbers

WS-WV2.0TL/R1

WS-WV4.0TL/R1

* 5Gbps is the maximum transfer rate derived from the specifications of the Universal Serial Bus 3.0 and the ExpressCard. Actual transfer rate will vary depending upon environmental factors. Data rate, features and performance may vary based on the configuration of your system and other factors.

1TB= 1,000,000,000,000 Bytes. Actual data throughput and range will vary depending upon network conditions and environmental factors, including volume of network traffic and network overhead.

About Buffalowww.buffalo-technology.com

Buffalo Technology is a leading global provider of award-winning storage, networking, memory, and multimedia solutions for the home and small business environments as well as for system builders and integrators. With more than three decades of networking and computer peripheral experience, Buffalo has proven its commitment to delivering innovative solutions that have put the company at the forefront of infrastructure technology.